

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO EO US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> IOSL-417PCT/US <b>U.S. APPLICATION NO. (known see 37 CFR 1.5)</b> 107523185
<b>INTERNATIONAL APPLICATION NO.</b> PCT/US03/24970	<b>INTERNATIONAL FILING DATE</b> 07 Aug 2003 (07.08.2003)	<b>PRIORITY DATE CLAIMED</b> 09 Aug 2002 (09.08.2002)
<b>TITLE OF INVENTION</b> Inorganic Carbon Removal		
<b>APPLICANT(S) FOR DO EO US</b> Viatcheslav A. Petropavlovskikh et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO EO US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. This is an express request to begin national examination procedures (35 U.S.C. 371 (b)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO US). 6. An English language translation of the International Application as filed (35 U.S.C. 371 (c) (2)). a. is attached hereto. b. has been previously submitted under 35 U.S.C. 154 (d) (4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c) (3)) a. are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c) (3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c) (4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c) (5)). Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. 14. An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 37 CFR 1.821-1.825. 18. A second copy of the published International Application under 35 U.S.C. 154 (d) (4). 19. A second copy of the English language translation of the International Application under 35 U.S.C. 154 (d) (4). 20. Other items or information:		

**EXPRESS MAILING UNDER 37 C.F.R. § 1.10\***

(Express Mail label number is mandatory.)

(Express Mail certification is optional.)

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date January 28, 2005, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No. ER 724082533 US

Leslie R. Silverstein

(type or print name of person mailing paper)

*Leslie R. Silverstein*

**BEST AVAILABLE COPY**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. <b>10/523185</b> INTERNATIONAL APPLICATION NO. <b>PCT/US03/24970</b>		ATTORNEY'S DOCKET NUMBER <b>IOSL-417PCT/US</b>											
21. The following fees are submitted: a) Basic national fee ----- \$300.00 b) Examination fee ----- \$200.00 c) Search fee ----- \$500.00  <b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">Applicant use</th> <th style="width:50%;">Office use only</th> </tr> <tr> <td>\$ 300.00</td> <td></td> </tr> <tr> <td>\$ 200.00</td> <td></td> </tr> <tr> <td>\$ 500.00</td> <td></td> </tr> <tr> <td>\$1,000.00</td> <td></td> </tr> </table>		Applicant use	Office use only	\$ 300.00		\$ 200.00		\$ 500.00		\$1,000.00	
Applicant use	Office use only												
\$ 300.00													
\$ 200.00													
\$ 500.00													
\$1,000.00													
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE										
-100 =	0 / 50 =	0	x \$250.00										
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).			\$ N/A										
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE										
Total claims	36 -20 =	16	x \$50.00										
Independent claims	2 -3 =	0	x \$200.00										
MULTIPLE DEPENDENT CLAIMS (if applicable)			+ \$360.00										
TOTAL OF ABOVE CALCULATIONS =			\$1,800.00										
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 4.			\$ N/A										
SUBTOTAL =			\$1,800.00										
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (d)).			\$ N/A										
TOTAL NATIONAL FEE =			\$1,800.00										
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate coversheet (37 CFR 3.28, 3.31). \$40.00 per property.			\$ N/A										
TOTAL FEES ENCLOSED =			\$1,800.00										
Amount to be refunded:			\$										
Amount to be charged			\$										

a. A check in the amount of \$ 1,800.00 to cover the above fees is enclosed.


b. Please change my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1139. A duplicate copy of this sheet is enclosed.

d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:  
 David Silverstein  
 Andover-IP-Law  
 44 Park Street, Suite 300  
 Andover, MA 01810

  
 SIGNATURE  
 David Silverstein  
 NAME  
 26,336  
 REGISTRATION NUMBER

10/523185  
IOSL-417PCT/US

DT12 Rec'd PCT/PTO 28 JAN 2005

**IN THE UNITED STATES PATENT OFFICE  
AS DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

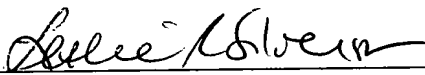
Applicant: Viatcheslav A. Petropavlovskikh et al.  
International Application No.: PCT/US03/24970  
International Filing Date: 07 Aug 2003 (07.08.2003)  
Title: INORGANIC CARBON REMOVAL  
Agent's File Reference: IOSL-417PCT/US

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

"Express Mail" Mailing Label Number: ER 724082533 US  
Date of Deposit: January 28, 2005

I hereby certify that the attached international application PCT/US03/24970, a Transmittal Letter Under 35 U.S.C. 371, check for \$1,800, and a mailroom postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and are addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Leslie R. Silverstein  
(Type or print name of person mailing paper)

  
(Signature of person mailing paper)